Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

_ 33365 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	····· ··· 125_30169 - λ/2 /2/				
Operator: License # 33365 Name: Layne Energy Operating, LLC	API No. 15 - 125-30169 - 00-0/ County: Montgomery				
Address: 1900 Shawnee Mission Parkway	SW_NE Sec. 4 Twp. 33 S. R. 16 V East West				
City/State/Zip: Mission Woods, KS 66205	4000				
Purchaser: Layne Energy Sycamore Pipeline, LLC	2007				
	eet nom En W (chicle one) Line of Section				
Operator Contact Person: Jeff Mohajir	Footages Calculated from Nearest Outside Section Corner:				
Phone: (913) 748-3987	(circle one) NE SE NW SW				
Contractor: Name: Layne Christensen Canada, Ltd.	Lease Name: C. Tucker Well #: 7-4				
License: 32999	Field Name: Brewster				
Wellsite Geologist: Larry Weis	Producing Formation: Cherokee Coals				
Designate Type of Completion:	Elevation: Ground: 756 Kelly Bushing: 759				
New Well Re-Entry Workover	Total Depth: 1169 Plug Back Total Depth: 1126				
OilSWDTemp. Abd.	Amount of Surface Pipe Set and Cemented at 21 Feet				
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No				
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet				
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1169				
Operator: Layne Energy Operating LLC	feet depth to Surface w/ 150 sx cmt.				
Well Name: C. Tucker # 7-4.	Drilling Fluid Management Plan (1900) NH 0-13-08				
Original Comp. Date: 9-10-2002 Original Total Depth: 1169	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Deepening Re-perf Conv. to Enhr./SWD	Chloride content N/A ppm Fluid volume bbls				
Plug BackPlug Back Total Depth	Dewatering method used N/A - Air Drilled				
Commingled Docket No	Location of fluid disposal if hauled offsite:				
Dual Completion Docket No	(#9.55 65 C27.00 area				
Other (SWD or Enhr.?) Docket No	Operator Name: KECEIVED KANSAS CORPORATION COMMISSION License No.: CORPORATION COMMISSION				
7/19/2005 7/26/2005					
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp. S. R				
Recompletion Date Recompletion Date	County: Docket No.:ONSERVATION DIVISION				
	WICHITA, KS				
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. It months if requested in writing and submitted with the form (see rule 82-3-130 geologist well report shall be attached with this form. ALL CEMENTING				
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X

CONFIDENTIAL

ORIGINAL

Operator Name: La	yne Energy Ope	rating, LLC	Lease	Name:	C. Tucker		. Well #: 7-4		
Sec. 4 Twp			t County	. Mon	tgomery	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
INSTRUCTIONS: Stested, time tool ope temperature, fluid re Electric Wireline Log	en and closed, flowin covery, and flow rate	g and shut-in pressues if gas to surface to	ires, whether shest, along with fi	nut-in pre	essure reached	static level, hydro	static pressure	s, bottom hole	
Drill Stem Tests Taken (Attach Additional Sheets) Samples Sent to Geological Survey □ Yes ✓ N Cores Taken Yes ✓ N		✓ No ✓ L		Log Formation (Top), Depth ar		nd Datum	Sample		
		∏ Yes ✓ N	lo	Nam	ne		Тор	Datum	
		Su		nmit Coal		603.2 KB	156		
Electric Log Run		√ Yes N	0	Exce	ello Shale		635.8 KB	123	
(Submit Copy)									
List All E. Logs Run:			1 L	V Sł			687.7 KB	71	
Compensated D	ensity Neutron	MA O	9 9		Veir - Pitt Coal		810.2 KB	-51	
Dual Induction		CONFIDE	ENTIAL	Miss	sissippian		1052.55 KE	-294	
			SING RECORD set-conductor, su	√ Ne	ew Used ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12 1/4	8.65	23		21	Portland	8		
Casing	7 7/8	5.5	15.5		1196	Thix, Glsnite	150		
Purose:	Depth				UEEZE RECORD				
Purpose: Perforate	Top Bottom	Type of Cement	#Sacks	Used	Type and Percent Additives				
Protect Casing Plug Back TD									
Plug Off Zone									
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
				RECEIVED					
						KANSAS CORPORATION COMMISSION			
						NOV 0	9 2005		
						CONSERVAT	ION DIVISION		
							ta, ks		
TUBING RECORD	Size	Set At	Packer At		Liner Run	<u></u>			
2 7	7/8	1061'				Yes ✓ No			
Date of First, Resumed 7/27/2005	Production, SWD or Er	nhr. Producing	Method	Flowing	ı ✓ Pumpin	g Gas Lift	Other	(Explain)	
Estimated Production Per 24 Hours		Bbls. Gas	Mcf	Wate	r Bb	ls. Ga	s-Oil Ratio	Gravity	
Disposition of Gas	0 METHOD OF C	OMPLETION		45	Production Int				
_					Production Interv				
Vented ✓ Sold (If vented, Su	Used on Lease	Open H		D	ually Comp.	Commingled			

RECEIVED KANSAS CORPORATION COMMISSION

NOV 0 9 2005

Operator Name: Layne Energy Operating, LLC.

Lease Name:

Tucker 7-4

Sec. 4 Twp. 33S Rng. 16E, Montgomery County

API:

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15-125-30169

CONSERVATION DIVISION WICHITA, KS

Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
4	Weir 810-812.5	250g 15% HCL + 250 g Regas + 100 B KCL water	810-812.5
		1000g 7.5% HCL+100 Mcf N2+136B gel water+8620#	ľ
		16/30 sand	
	New Per	forations	
4	1040-1041, 983.5-985.5, 863.5-864.5, 840-847	Riverton, Rowe, Bluejacket, Sycamore Shale - 1,800 15% HCL Acid, 569 bbls Water, 4,000 # 20/40 Sand	840-1041
4	788.5-791, 733-734, 691-692.5, 663-664.5, 639-644, 608.5-613	Tebo, Mineral, Croweberg, Ironpost, Mulkey, Summit - 2,300 15% HCL Acid, 556 bbls Water, 6,900 # 20/40 Sand	608.5-791